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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/773,468	02/05/2004	Adrian Buckley	1578.102	7017

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EXAMINER
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SINGH, RAMNANDAN P

ART. UNIT	PAPER NUMBER
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2614

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	01/23/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/773,468	BUCKLEY, ADRIAN	
	<b>Examiner</b>	<b>Art Unit</b>	
	Ramnandan Singh	2614	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 10 November 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Priority*

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d) on Nov. 16, 2006 , which papers have been placed of record in the file.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-4, 7-11, 13-18, 20 are rejected under 35 U.S.C. 102(b) as being anticipated by Snellman [WO 98/23108].

Regarding claim 1, Snellman teaches in a radio communication system having a mobile node (1) operable to communicate with a network part of a communication network (7) shown in Figs. 1-5, the network part at least operable to route a call, originated at the mobile node, to a first service center, the first service center capable of being called from telephone stations and mobile nodes that are within a predetermined geographic area, by the use of a first predetermined short dialing code, the apparatus comprises:

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an identifier code request generator embodied at the mobile node, the identifier code request generator selectably operable to generate a request (i.e. signal 11) for communication to the network part, the request generated by the identifier code generator requesting a first short dialing code (i.e. fast access dialing) which identifies, to the network part, the first service center [Fig. 3; Page 7; line 1 to Page 8, line 3; claim 17]; and

an indexer embodied at the mobile node, the indexer for indexing the first short dialing code, which identifies, at the mobile node, the first service center, together with a corresponding first network-part identifier code returned to the mobile node responsive to the request generated by the identifier code request generator (i.e. signal 13) [Figs. 3-5; Page 8, lines 5-10; claim 15; Page 2, lines 1-11; Page 4, lines 5-14].

Claim 13 is essentially similar to claim 1 and is rejected for the reasons stated above.

Regarding claim 2, Snellman further teaches the apparatus comprising a detector embodied at the mobile node, the detector for detecting a response to the request generated by the identifier code request generator, and wherein the indexer is coupled to the detector to receive indications of the first network-part identifier code contained in the response [Figs. 1-2; Page 8, lines 6-17].

Regarding claim 3, Snellman further teaches the apparatus, wherein the mobile

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node performs a registration procedure pursuant to registration of the mobile node with the network part, and wherein the request generated by the identifier code request generator is generated automatically subsequent to the registration procedure [Fig. 3; Page 7, line 31 to Page 8, line 3; claim 15].

Regarding claim 4, Snellman further teaches the apparatus, wherein the mobile node further comprises a user input actuator actuable by the user of the mobile node, wherein the apparatus comprising a transposer (i.e. translator) coupled to the user input actuator and to the indexer, the transposer operable responsive to actuation of the user input actuator with values of a mobile-node identifier of the first mobile-node identifier to transpose the values into a corresponding network-part identifier of the at least the first network-part identifier [Figs. 1-3; Page 8, lines 10; claim 2].

Regarding claim 14-17, the limitations are shown above.

Regarding claim 7, Snellman further teaches the apparatus, wherein the mobile node further comprises a user display device (3) and wherein indicia associated with the at least the first network-part identifier code returned to the mobile node responsive to the request generated by the identifier code request generator is selectably displayed upon the user display device [ Fig. 1; Page 6, lines 6-13].

Claim 20 is essentially similar to claim 7 and is rejected for the reasons stated above.

Regarding claim 8, Snellman further teaches the apparatus, wherein the at least the first mobile-node identifier code that identifies, at the mobile node, the at least the first service center comprises a first set of a first number of mobile-node identifier codes, wherein the at least the first network-part identifier code that is returned to the mobile node comprises a second set of a second number of network-part identifier codes, the second number greater than the first number. This is because the first number is a fast access dialing number, whereas the second number received by the mobile node is the full telephone number [Page 7, lines 1-23; claim 4].

Regarding claim 9, Snellman further teaches the apparatus, wherein the indexer further comprises a storage element, the storage element (6) for storing values representative of the mobile-node identifier codes of the first set together with corresponding values of the network-part identifier codes indexed together therewith, the storage element further for storing values representative of additional ones of the network-part identifier codes in excess of the first number [Figs. 1-2; Page 7, lines 25-29; claim 2].

Claim 18 is essentially similar to claim 9 and is rejected for the reasons stated above.

Regarding claim 10, the limitations are shown above.

Regarding claim 11, Snellman further teaches the apparatus comprising a data base (6) at which values representative of the at least the first network-part identifier code are stored, and wherein the retriever retrieves the at least the first network-part identifier code at the network part by accessing the values stored at the data base element. [Figs. 1-2; Page 7, lines 25-29; claim 2].

***Claim Rejections - 35 USC § 103***

4. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

5. Claims 5 and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Snellman as applied to claim 1 and 13 respectively above, and further in view of Stadelmann et al [US 20060004643 A1].

Regarding claim 5, Snellman does not teach expressly the system permitting communication of USSD ((Unstructured Supplementary Service Data)--formatted data.

Stadelmann et al teach an apparatus, wherein the radio communication system comprises a GSM (General System for Mobile communications) cellular communication system permitting communication of USSD (Unstructured Supplementary Service

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Data)--formatted data and wherein the request generated by the identifier code request generator comprises a USSD-formatted message [Fig. 1; Para: 0034].

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to combine the teachings of Stadelmann et al with Snellman in order to support a plurality of different network standards [Stadelmann et al; Para: 0034; lines 13-17].

Claim 19 is essentially similar to claim 5 and is rejected for the reasons stated above.

6. Claims 6, and 12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Snellman as applied to claims 1, 11 above, and further in view of Mani [US 20020186832 A1].

Regarding claim 6, although Snellman teaches using means for fast access dialing [Page 7, lines 1-6] and answering in different languages [Page 10, lines 21-34; claim 10]., he does not teach expressly using a mnemonic .

Mani teaches using alphanumeric speed dialing service including mnemonic [Figures 1-5; Para: 0017-0019].



At the time of the invention, it would have been obvious to a person of ordinary skill in the art to combine the teachings of Mani with Snellman in order to provide an alphanumeric speed dialing service including a mnemonic as an enhancement to the traditional numeric speed dialing service [Mani: Para: 0051].

Regarding claim 12, the limitations are shown above.

### ***Response to Arguments***

7. Applicant's arguments filed on Nov. 10, 2006 have been considered but are moot in view of the new ground(s) of rejection.

### ***Conclusion***

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

(i) Sanchez Ferreras et al [US 200500118998 A1] teach detecting and storing mobiles nodes that access a foreign telephone network [Whole document];

(ii) Froula [US 6,356,767 B2] teaches controlling mobiles access to a wireless communication system [Figs. 1-4; Abstract]; and Amin et al [US 20020086671 A1] teach a roaming authorization system [Figs. 1-5; Abstract].

9. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ramnandan Singh whose telephone number is (571) 272-7529. The examiner can normally be reached on M-TH (8:00-5:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Fan Tsang can be reached on 571-272-7547. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Ramnandan Singh  
Examiner  
Art Unit 2614

A handwritten signature in black ink, appearing to read 'Ramnandan Singh', is written over a horizontal line.